

REMARKS

Applicant has amended the Claims 1, 3, and 4. Applicant respectfully submits that these amendments to the claims are supported by the application as originally filed and do not contain any new matter. Accordingly, the Office Action will be discussed in terms of the claims as amended.

The Examiner has rejected the Claim 1 under 35 U.S.C. 102 as being anticipated by Babinetz et al., stating that Babinetz et al. discloses all of the present invention.

In reply thereto, Applicant would like to point out that Applicant's Claim 1 claims the method shown in the steps (a) through (h) of Figure 1 of Applicant's application. In contrast thereto, Applicant directs the Examiner's attention to the Figures 4A through 4F of Babinetz et al., and respectfully submits that the method shown therein is patentably different from Applicant's method.

In particular, Applicant respectfully submits that Applicant's invention as claimed by Claim 1 requires a second step that raises and then moves the capillary horizontally, a third step that lowers the capillary so that the press bonded ball formed in step 1 is pressed to form a first bump, a fourth step that raises and moves the capillary in an opposite horizontal direction from the first movement in step 2, and then a fifth step that lowers the capillary so that the wire is bent and pressed against the surface of the bump to form a second bump on top of the first. Applicant respectfully submits that in Babinetz et al., as is shown in the Figures D and E, only a single pressing occurs after the formation of the press bonded ball in Figure A. In addition, Applicant respectfully submits that in the step of Figure E of Babinetz, the capillary is moved diagonally and downward back to the left to fold the wire back on itself on top of the bump (see column 3, lines 23-25).

Applicant respectfully submits that the additional steps of Applicant's invention are not provided to merely optimize the method of the present invention. In particular, Applicant respectfully submits that by the steps of Applicant's invention, certain advantages are achievable which are not achievable using Babinetz et al. In particular, Applicant's invention provides bumps with even heights and the same shapes and a larger in sized pressed area. Still further, since the pressing step to form the bump in Babinetz et al. is diagonal, slippage during the pressing step can easily occur to cause the wire to touch the surrounding bumps resulting in short circuit and a lowering of the yield.

In view of the above, therefore, Applicant respectfully submits that Babinetz et al. does

not disclose each and every element of Applicant's invention as claimed by Claim 1 and that Claim 1 is not anticipated thereby.

The Examiner has rejected Claim 3 under 35 U.S.C. 102 as being anticipated by Babinetz et al., stating that Babinetz et al. discloses each and every element of Applicant's invention as claimed.


In reply thereto, Applicant would like to incorporate by reference his comments above concerning Applicant's invention and Babinetz et al. As a result, Applicant respectfully submits that Babinetz et al. does not disclose each and every element of Applicant's invention as claimed by Claim 3 and that Claim 3 is not anticipated thereby.

In view of the above, therefore, it is respectfully requested that this amendment be entered, favorably considered and the case passed to issue.

Please charge any additional costs incurred by or in order to implement this amendment or required by any requests for extensions of time to KODA & ANDROLIA DEPOSIT ACCOUNT NO. 11-1445.

Respectfully submitted,

KODA & ANDROLIA

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 William L. Androlia

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